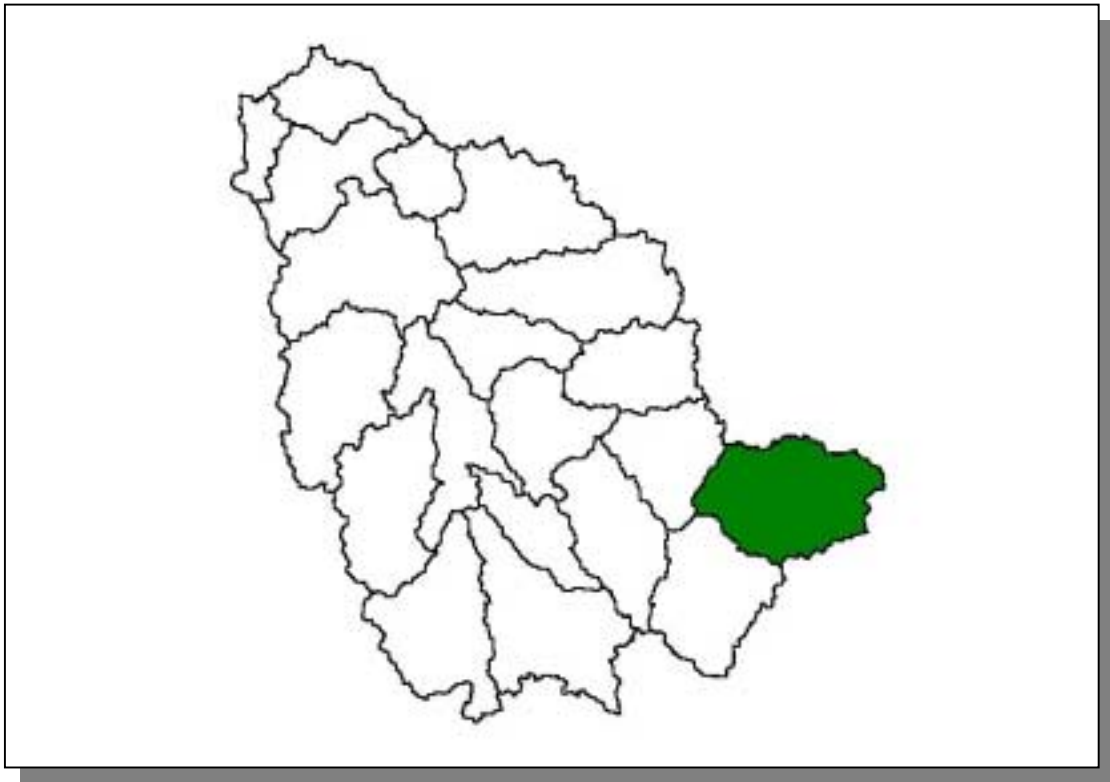
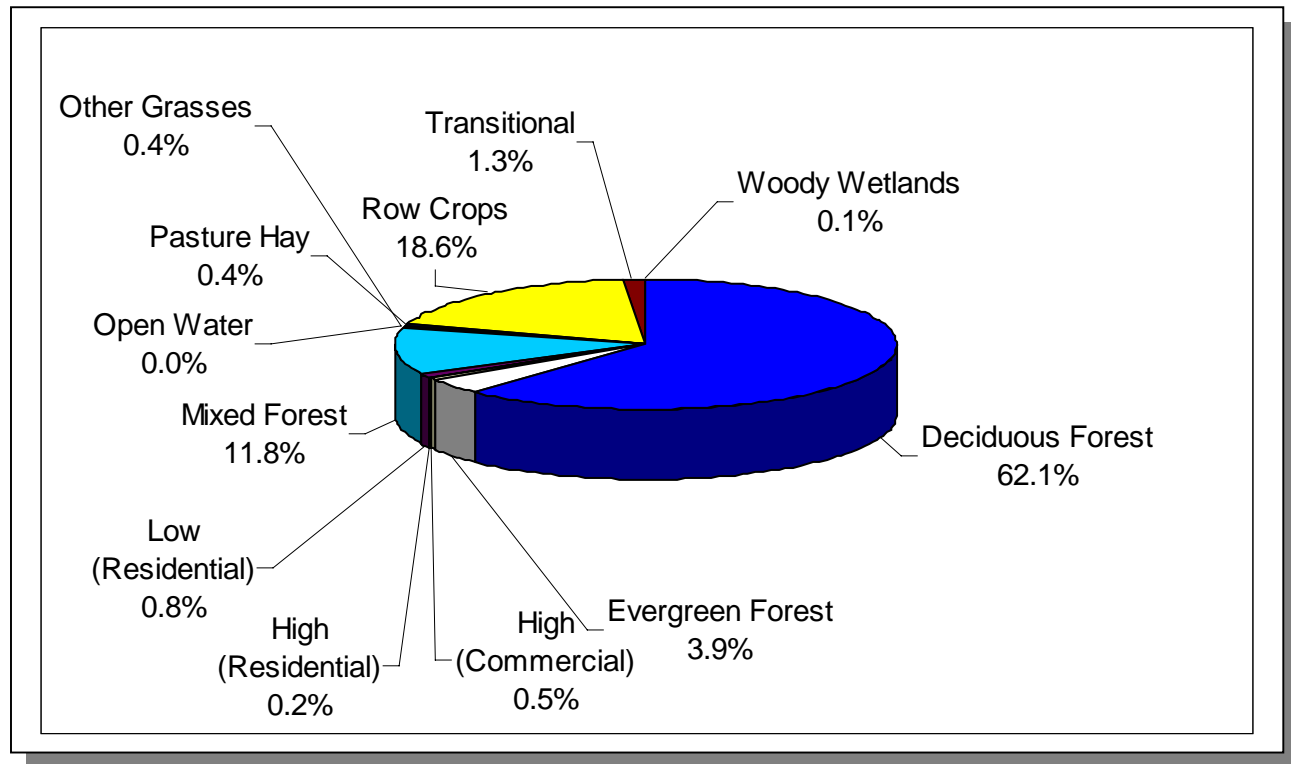


4.2.A. 05130203010.

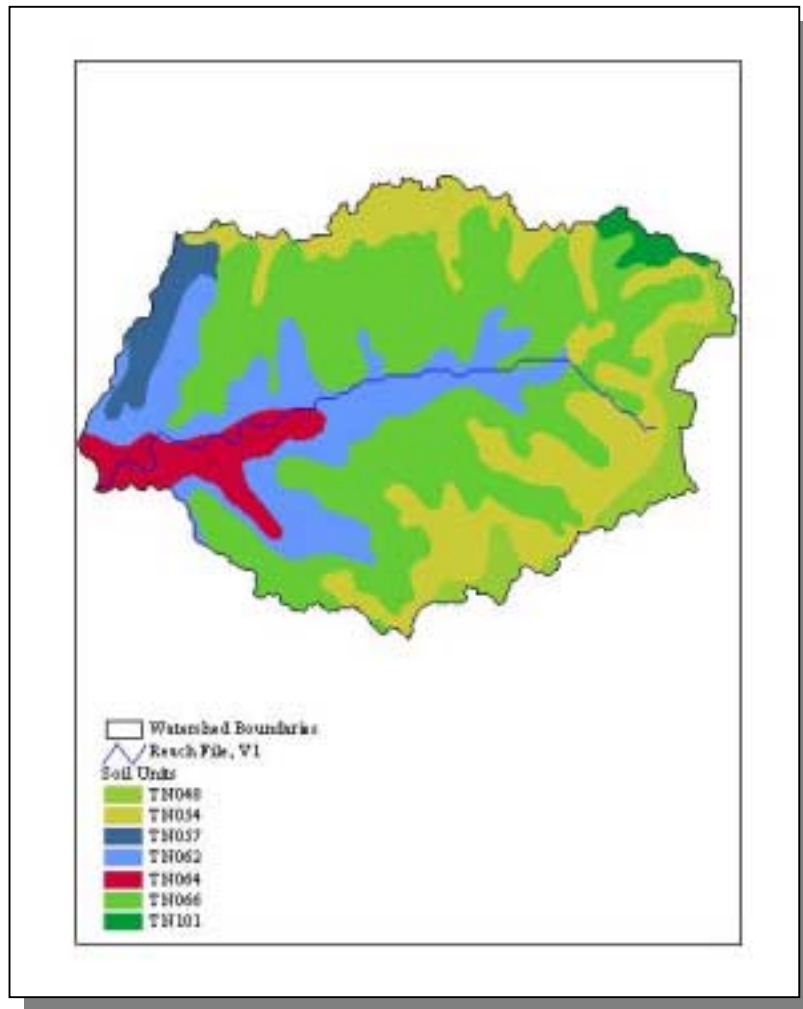


*Figure 4-2. Location of Subwatershed 05130203010. All Stones HUC-14 subwatershed boundaries are shown for reference.*

**4.2.A.i. General Description.**



**Figure 4-3. Land Use Distribution in Subwatershed 05130203010.** More information is provided in Stones-Appendix IV.



**Figure 4-4. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203010.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN048	8.00	C	1.38	5.06	Silty Loam	0.42
TN054	0.00	C	3.04	4.84	Loam	0.32
TN057	0.00	C	1.14	5.01	Clayey Loam	0.33
TN062	0.00	C	0.98	4.40	Clayey Loam	0.26
TN064	7.00	C	1.19	5.82	Silty Loam	0.37
TN066	0.00	B	2.62	4.75	Loam	0.28
TN101	0.00	B	1.71	5.39	Loam	0.35

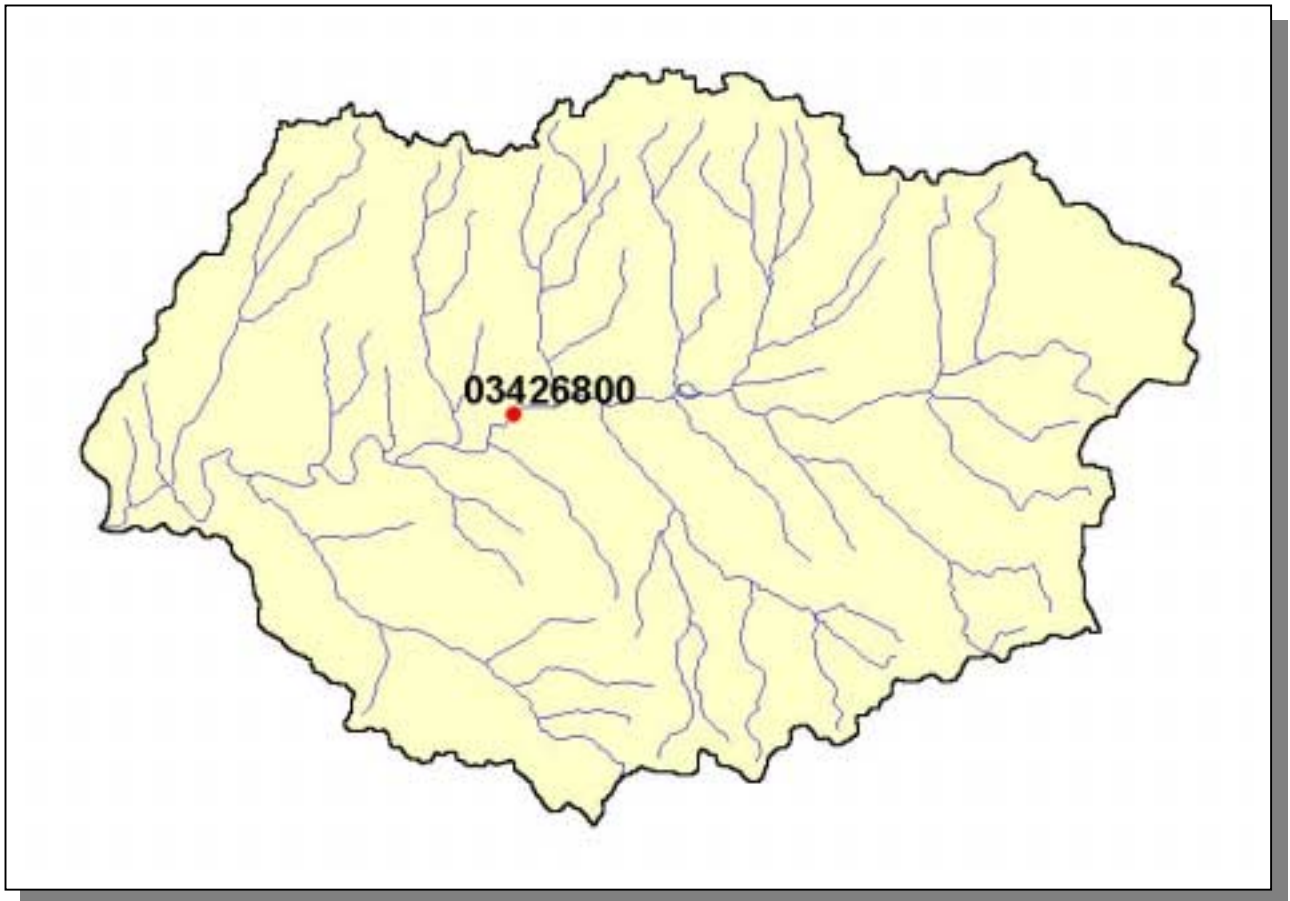
**Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203010.** More details are provided in Stones-Appendix IV.

	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
County						
Cannon	10,467	12,011	25.9	2,710	3,110	14.8

*Table 4-3. Population Estimates in Subwatershed 05130203010.*

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Woodbury	Cannon	2,287	1,034	1,018	16	0

*Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 05130203010.*

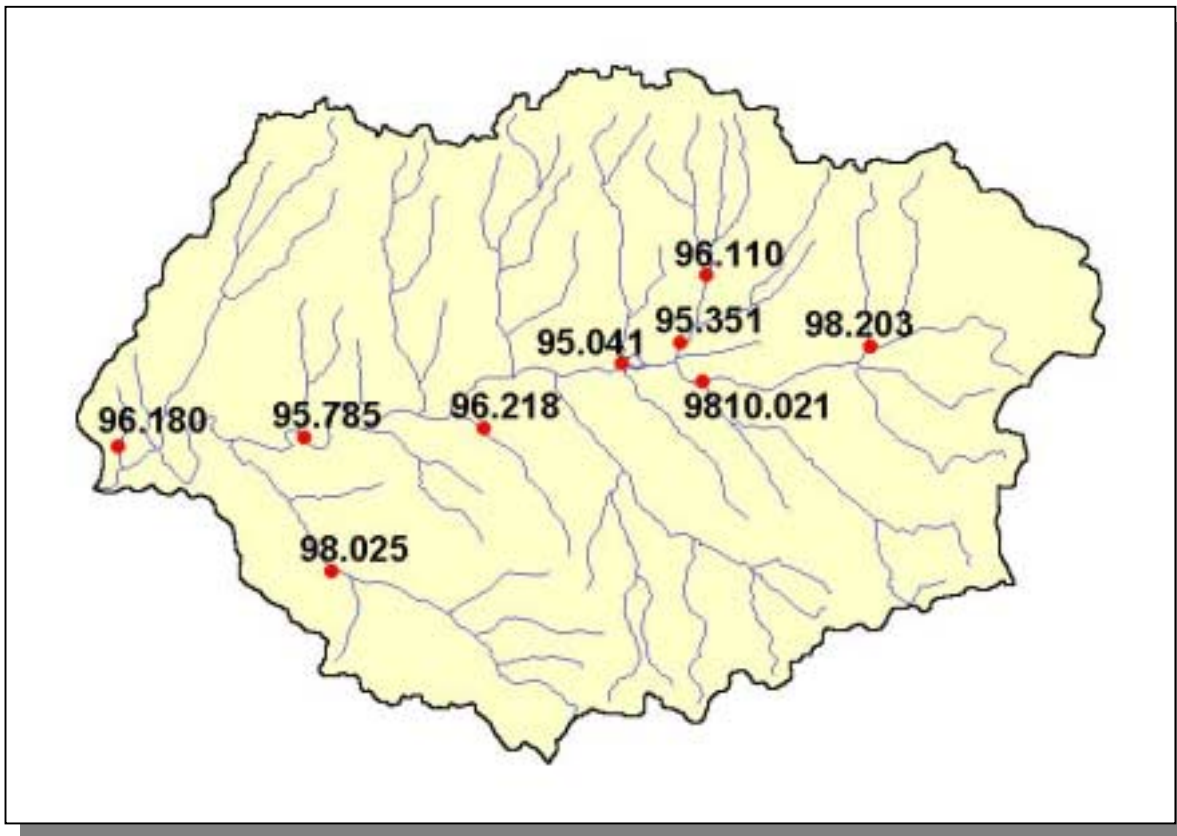


*Figure 4-5. Location of Historical Streamflow Data Collection Sites in Subwatershed 05130203010. More information is provided in Stones-Appendix IV.*

4.2.A.ii Point Source Contributions.



**Figure 4-6. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 05130203010.** More information, including the names of facilities, is provided in Stones-Appendix IV.



**Figure 4-7. Location of ARAP Sites (Individual Permits) in Subwatershed 05130203010.**  
More information is provided in Stones-Appendix IV.

**4.2.A.iii. Nonpoint Source Contributions.**

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
2,307	5,152	285	10	1,074	35

**Table 4-5. Summary of Livestock Count Estimates in Subwatershed 05130203010.**  
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cannon	88.5	88.5	1.7	7.1

**Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 05130203010.**

CROPS	TONS/ACRE/YEAR
Corn (Row Crops)	7.71
Soybeans (Row Crops)	3.09
Wheat (Close Grown Cropland)	3.24
Grass (Hayland)	0.61
Legume Grass (Hayland)	0.44
Grass (Pastureland)	0.32
Legume (Pastureland)	0.37
Grass, Forbs, Legumes (Mixed (Pasture)	0.82
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	1.13

**Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 05130203010.**